PTO/SB/08a (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/662,875 Filing Date 09/16/2003 First Named Inventor DAVID LO'MEARA Art Unit 2813 Examiner Name

Tuan Nguyen (Use as many sheets as necessary) Sheet Attorney Docket Number αf 071469-0305306

				U. S. PATENT	DOCUMENTS		
Examiner Cit nitials* No		Document Numbe Number-Kind Code ^{2 (# k}		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
TN	1	^{US-} 6,444,592	Bl	09-03-2002	BALLANTINE et al.		
TW	2	us- 6,228,779	Bl	05-08-2001	BLOOM et al.		
77	3	^{US-} 2003-0057432	A1	03-27-2003	GARDNER et al.		
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FOREIGN PATENT DOCUMENTS								
Examiner hitials* Cite No. Foreign Patent Document Country Code3*Number.**Mind Code5(if known)		Publication Data MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶			
57	Α	EP	1 326 271	A1	07-09-2003	KIRYU et al.		
7 ~	В	wo	03/063220	A1	07-31-2003	AOYAMA et al.		
77	С	EP	1.469.509	A1	10-20-2004	AOYAMA et al.		
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Examiner Signature	7 Namen	Date Considered	9/6	100	

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Substitute for for	m 1449B/PTO			Complete if Known		
				Application Number	10/662,875	
	MATION D			Filing Date	09/16/2003	
STATEMENT BY APPLICANT				First Named Inventor	DAVID L O'MEARA	
	_		_	Art Unit	2813	
(Use as many sheets as necessary)				Examiner Name	Tuan Nguyen	
Sheet	1	. of	1	Attorney Docket Number	071469-0305306	

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	-2
72	I	NORIYUKI MIYATA ET AL., "Thermal Stability of a Thin HfO2/Ultrathin SiO2/Si Structure: Interfacial Si Oxidation and Silicidation," Japanese Journal of Applied Physics, Vol. 42 (No. 2B, Part 2), pp. L138-L140, (February 15, 2003).	
N	11	M.A. GRIBELYUK ET AL.,"Interface reactions in ZrO2 based gate dielectric stacks," Journal of Applied Physics, Vol. 92 (No. 3), pp. 1232-1237, (August 1, 2002).	
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Examiner		7. Norum / Date 9/6/05	

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